1) What is the reaction force at support F? (Potter 55)
   D) 67 kN

2) What is the force in member BC? (Potter 56)
   A) 0 kN

3) What is the force in member CE? (Potter 56)
   B) 44 kN tension
4) What is the shear at B for \( P = 60 \) kN and \( u = 5 \) m for the beam shown below? (Potter 57)

B) Use segment BC as free-body. Sum of moments about C is zero:

\[
3 \text{ m} \times 60 \text{ kN} - 6 V_B = 0. \therefore V_B = 30 \text{ kN}.
\]

B) 30 kN

Works Cited